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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/695,156	10/28/2003	Daniel Edward Bowen III	DN2001-163D02	6472
7590 12/16/2005			EXAMINER	
The Goodyear Tire & Rubber Company			CHOI, LING SIU	
1144 East Market Street, D/823 Akron, OH 44316-0001			ART UNIT	PAPER NUMBER
ARION, OTT 44	310-0001		1713	

DATE MAILED: 12/16/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

	A 11 41 N1	A			
	Application No.	Applicant(s)			
Office Action Commence	10/695,156	BOWEN ET AL.			
Office Action Summary	Examiner	Art Unit			
	Ling-Siu Choi	1713			
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	orrespondence address			
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period w - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 16(a). In no event, however, may a reply be tim rill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	l. ely filed the mailing date of this communication. 0 (35 U.S.C. § 133).			
Status					
1) Responsive to communication(s) filed on					
closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.					
Disposition of Claims					
4)⊠ Claim(s) <u>1-20</u> is/are pending in the application.					
4a) Of the above claim(s) is/are withdrawn from consideration.					
5) Claim(s) is/are allowed.					
6)⊠ Claim(s) <u>1-6,8-12 and 16-20</u> is/are rejected.					
7)⊠ Claim(s) <u>7 and 13-15</u> is/are objected to.					
8) Claim(s) are subject to restriction and/or	election requirement.				
Application Papers					
9) The specification is objected to by the Examiner.					
10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.					
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).					
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).					
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.					
Priority under 35 U.S.C. § 119		•			
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 					
Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date 08/19/05.	4) Interview Summary Paper No(s)/Mail Da 5) Notice of Informal Pa 6) Other:				

U.S. Patent and Trademark Office PTOL-326 (Rev. 7-05)

DETAILED ACTION

1. This Application is a Division of US Application No. 10/222,739, filed August 16, 2002. Claims 1-20 are now pending, wherein claim 1 is an independent one.

Claim Objections

2. Claims 7 and 13-15 are objected to because of the following informalities: (a) claim 7 is a redundancy of claim 6; (b) claim 7 is a redundancy of claim 8; (c) claim 13, lines 4-5, "wherein X' represents an unsaturated moiety containing at least one non-aromatic double bond" is suggested to be deleted; (d) claim 14, lines 4-5, "wherein X' represents an unsaturated moiety containing at least one non-aromatic double bond" is suggested to be deleted; and (e) claim 15, line 2, "and oxygen atom" is suggested to be changed to --oxygen atom--.

Appropriate correction is required.

Allowable Subject Matter

3. Claims 1-20 are allowable over the closest references: Ender (US 3,287,291) and Nakamura et al. (US 5,973,067).

A monomer having a structural formula selected from the group consisting of formulae shown in claim 1

(summary of claim 1)

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7 '

Ender discloses an organosilicon compound represented by the formula of

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Si[(OCH₂)_nOCH₃]₄ which includes Si(OCH₂OCH₃)₄, Si[(OCH₂)₅OC₄H₉]₄,

 $Si(OCH_2OC_2H_5)(OCH_2OCH_3)$ ($OCH_2OCH_2OCH_2OCH_3$),

Si(OCH₂OCH₃)[(OCH₂)₃OCH₃] [(OCH₂)₂OCH₃] [(OCH₂)₄OCH₃] (col. 1, lines 15-20; col. 2,

lines 14-26). However, Ender does not teach or fairly suggest the claimed monomer comprising

the modified silane moiety.

Nakamura et al. disclose an alkenyltrialkoxysilane which can be allyltrimethoxysilane,

allyltriethoxysilane, allyltri(ethoxymethoxy)silane, butenyltrimethoxysilane,

hexenyltrimethoxysilane, or hexaenyltriethoxysilane (claims 1 and 3). However, Nakamura et al.

do not teach or fairly suggest the claimed monomer comprising the modified silane moiety.

Conclusion

4. Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Ling-Siu Choi whose telephone number is 571-272-1098.

If attempt to reach the examiner by telephone are unsuccessful, the examiner's supervisor,

David Wu, can be reach on 571-272-1114.

Lige alloi LING-SUI CHOI

PRIMARY EXAMINER

November 30, 2005